COMBINED DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL, CONTINUATION OR C-I-P)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type:

(check one applicable item below)

- [x] original.
- [] design.
- [] supplemental.

NOTE: IF THE DECLARATION IS FOR AN INTERNATIONAL APPLICATION BEING FILED AS A DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART APPLICATION, DO NOT CHECK NEXT ITEM; CHECK APPROPRIATE ONE OF LAST THREE ITEMS.

[] national stage of PCT.

NOTE: IF ONE OF THE FOLLOWING 3 ITEMS APPLY, THEN COMPLETE AND ALSO ATTACH ADDED PAGES FOR DIVISIONAL, CONTINUATION OR C-I-P.

- [] divisional.
- [] continuation.
- [] continuation-in-part (C-I-P).

INVENTORSHIP IDENTIFICATION

WARNING: IF THE INVENTORS ARE EACH NOT THE INVENTORS OF ALL THE CLAIMS, AN EXPLANATION OF THE FACTS, INCLUDING THE OWNERSHIP OF ALL THE CLAIMS AT THE TIME THE LAST CLAIMED INVENTION WAS MADE, SHOULD BE SUBMITTED.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (IF ONLY ONE NAME IS LISTED BELOW) or an original, first and joint inventor (IF PLURAL NAMES ARE LISTED BELOW) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

REACTION AND SEPARATION METHODS

SPECIFICATION IDENTIFICATION

the specification of which:

(complete (a), (b) or (c))

- (a) [x] is attached hereto.
- (b) [] was filed on ______, as [] Serial No. ______ or [] Express Mail No. ______, as Serial No. not yet known and was amended on _____(IF APPLICABLE).

NOTE: AMENDMENTS FILED AFTER THE ORIGINAL PAPERS ARE DEPOSITED WITH THE PTO THAT CONTAIN NEW MATTER ARE NOT ACCORDED A FILING DATE BY BEING REFERRED TO IN THE DECLARATION. ACCORDINGLY, THE AMENDMENTS INVOLVED ARE THOSE FILED WITH THE APPLICATION PAPERS OR, IN THE CASE OF A SUPPLEMENTAL DECLARATION, ARE THOSE AMENDMENTS CLAIMING MATTER NOT ENCOMPASSED IN THE ORIGINAL STATEMENT OF INVENTION OR CLAIMS. SEE 37 CFR 1.67.

(c) [] was described and claimed in PCT International Application No.

_______, filed on _______ and as amended under PCT Article 19 on _______ (IF ANY).

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, S 1.56,

(also check the following items, if desired)

- [x] and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
 - [] in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. S 119(a)-(d))

I hereby claim foreign priority benefits under Title 35, United States Code, S 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

- (d) [x] no such applications have been filed.
- (e) [] such applications have been filed as follows.

NOTE: WHERE ITEM (C) IS ENTERED ABOVE AND THE INTERNATIONAL APPLICATION WHICH DESIGNATED THE U.S. ITSELF CLAIMED PRIORITY CHECK ITEM (E), ENTER THE DETAILS BELOW AND MAKE THE PRIORITY CLAIM.

(Declaration and Power of Attorney [1-1]-page 2 of 6)

PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. S 119(a)-(d)

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE C					CLAIME USC 11	
					[]	YES	по []
					[]	YES	ио []
			u,		[]	YES	NO []
		No. 70.170. The			[]	YES	ио []
					[]	YES	NO []
CLAIM	FOR BENEFIT OF PRIOR U. (34 U.S.C.	S. PROVISI S 119(e))	ONAL	APPL]	[CAT	ION(S)		
	the benefit under Titl s provisional applicati				Cod	e, S 1	L19(e)	of
PROVISIONAL APPLICATION NUMBER					FILING DATE			
//								
/								
/								

CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S) UNDER 35 U.S.C. 120

[] The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN PART (C-I-P) APPLICATION.



ALL FOREIGN APPLICATION(S), IF ANY, FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

NOTE: IF THE APPLICATION FILED MORE THAN 12 MONTHS FROM THE FILING DATE OF THIS APPLICATION IS A PCT FILING FORMING THE BASIS FOR THIS APPLICATION ENTERING THE UNITED STATES AS (1) THE NATIONAL STAGE, OR (2) A CONTINUATION, DIVISIONAL, OR CONTINUATION-IN-PART, THEN ALSO COMPLETE ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR C-I-P APPLICATION FOR BENEFIT OF THE PRIOR U.S. OR PCT APPLICATION(S) UNDER 35 U.S.C. S 120.

POWER OF ATTORNEY

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Henry E. Bartony, Jr., Reg. No. 34,772

(check the following item, if applicable)

[] Attached, as part of this declaration and power of attorney, is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO

DIRECT TELEPHONE CALLS TO:

Henry E. Bartony, Jr. Suite 1801 Law & Finance Building 429 Fourth Avenue Pittsburgh, PA 15219 Henry E. Bartony, Jr.

Tel (412) 338-8632 Fax (412) 338-6611

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.





SIGNATURE(S)

NOTE: Carefully indicate the family (or last) name, as it should appear on the filing receipt and all other documents.

Full name of sole or f	P	Curran
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Inventor's signature_		
Date	Country of Citizenship	USA
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Full name of second jo		de Frutos Garcia
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
<pre>Inventor's signature</pre>		
Date	Country of Citizenship	Spain
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Pi	ttsburgh, PA 15213 USA	

Full name of third joi	nt inventor, if any (MIDDLE INITIAL OR NAME)	Oderaotoshi
	(MIDDEL INITIAL OR MID)	
Date	Country of Citizenship	Japan
Residence: 201 Highroc	fshirakibaru, 1-12-13, Chuou, C	Onojou, Fukuoka, 816-0942 Japa
	1 Highroofshirakibaru, 1-12-13,	, Chuou, Onojou, Fukuoka,

	(check proper box(es) for any of the following acded page(s) that form a part of this declaration
[]	Signature for fourth and subsequent joint inventors. NUMBER OF PAGES ADDED
	* * *
[]	Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. NUMBER OF PAGES ADDED
	* * *
[]	Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. NUMBER OF PAGES ADDED
	·
	* * *
[]	Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47)
	* * *
[]	divisional, continuation, or continuation-in-part (C 1 1) application.
	[x] Total Number of pages added
	* * *
[] Authorization of attorney(s) to accept and follow instructions from representative.
	* * *

(if no further pages form a part of this Declaration, then end this Declaration with this page and check the following item)

[x] This declaration ends with this page.